

Plans for the Radar Algorithm Team (Simone, Tristan, Matt, Roj, Gerry, Jay, others welcom...)

Near Term (next 12 months):

- RADEX IPHEX data processing, reduction, algorithm development
 - Once ER2 radar data become available...
 - Begin exploration of what flight lines contribute to what ACE-related algorithm/science questions
 - UND Citation: Acquire, explore the quality and validation potential
 - Citation data will provide apriori characteristics for algorithms (liquid, Ice)
 - How to get case studies into simulator framework?
- Continue working with other data sets that provide useful information for ACE-like algorithms
 - TC4
 - SEAC4RS
 - ARM and others (campaigns where other multi frequency radars operated with in situ)
- RADEX OLYMPEX Planning (Winter 2014/15)
 - Where to base ER2?
 - What instrument compliment on the ER2?
 - Difficult problem given space issues. Desire: 3 Heymsfield radars, AMPR, COSMIR, COSSIR, CPL, eMAS, Polarimeter(s)
 - This is not possible so prioritization is needed